Figure 1 (Prior Art)

EMPLOYEE

Employee Name	Social Security #	Address	Salary
Johnson	100-10-1000	Minneapolis	50,000
Anderson	200-20-2000	Milwaukee	
Rodriguez	300-30-3000	Cleveland	30,000

Figure 2 (Prior Art)

PROJECT

Project Name	Project Size
Red	Large
Yellow	Medium
Green	Small

Figure 3 (Prior Art)

EMPLOYEE PROJECT

Project Name	Employee Name
Red	Johnson
Red	Anderson
Yellow	Rodriguez
Green	Rodriguez

Figure 4

O	E	A	V
Entity Instance Identifier	Entity Type Identifier	Attribute Type Identifier	Attribute Value

Figure 5

O	E	A	V
Object ID	Employee	Salary	50,000

Figure 6

O	E	A	V
1	Employee	Employee Name	Johnson
1	Employee	Social Security	100-10-1000
1	Employee	Address	Minneapolis
1	Employee	Salary	50,000
2	Employee	Employee Name	Anderson
2	Employee	Social Security	200-20-2000
2	Employee	Address	Milwaukee
3	Employee	Employee Name	Rodriguez
3	Employee	Social Security	300-30-3000
3	Employee	Address	Cleveland
3	Employee	Salary	30,000
20	Project	Project Name	Red
20	Project	Size	Large
21	Project	Project Name	Yellow
21	Project	Size	Medium
22	Project	Project Name	Green
22	Project	Size	Small

Figure 7

O	E	A	V
1	Employee	First Name	Sue
1	Employee	Spouse	Joe
1	Employee	Title	President

Figure 8

O	E	A	V
1	Employee	Employee Name	Johnson
20	Project	Project Name	Red
1	Employee	Project	20

Figure 9

O	E	A	V
1	Employee	Employee Name	Johnson
20	Project	Project Name	Red
20	Project	Employee	1

Figure 10

O	E	A	V
1	Employee	Employee Name	Johnson
•	•	•	•
•	•	•	•
22	Project	Size	Small
1	Employee	Project	20
2	Employee	Project	20
3	Employee	Project	21
3	Employee	Project	22
20	Project	Employee	1
20	Project	Employee	2
21	Project	Employee	3
22	Project	Employee	3